

## TREATMENT OF PERFORATED ELECTRODE BOARD FOR PLASMA CHEMICAL DEPOSITION

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**Applicant(s):** NEOS KK

**Classification:**

- international: C23C16/44; C23C4/08; C23C16/44; C23C4/08; (IPC1-7): C23C16/44; C23C4/08

- European:

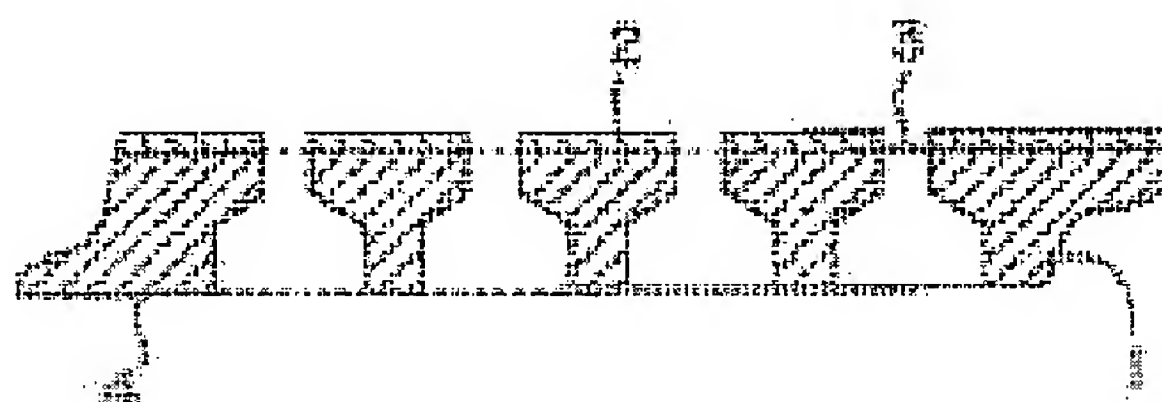
**Application number:** JP19980271218 19980925

**Priority number(s):** JP19980271218 19980925

### Abstract of JP 2000096240 (A)

**PROBLEM TO BE SOLVED:** To prevent contamination caused by the peeling of a vapor depositing film and to prevent the obstruction of a uniform gas flow in fine pores by forming sprayed film on the surface of a perforated electrode board for plasma chemical deposition, thereafter subjecting the back face thereof to blasting treatment to restore the inside diameter of the fine pores and subsequently executing cleaning treatment.

**SOLUTION:** On the surface of a perforated electrode board 1 having fine pores 3, sprayed film 2 is formed. The sprayed film 2 is preferably made of copper or aluminum, and is formed preferably to a thickness of 50 to 150  $\mu\text{m}$  by an arc method. Next, the back face 4 of the perforated electrode board 1 is subjected to blasting treatment to restore the pore size of the fine pores 3 clogged or reduced by the thermal spraying treatment to the original state; The blasting treatment is executed preferably in such a manner that alumina beads or glass beads having 100 to 150  $\mu\text{m}$  grain size are used as a blasting material, and the discharging pressure is controlled to about 2 to 5  $\text{kg/cm}^2$ . After that, the perforated electrode board 1 is subjected to ultrasonic cleaning by using pure water.



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# PROCESS FOR REMOVING COATINGS FROM SENSITIVE SUBSTRATES, AND BLASTING MEDIA USEFUL THEREIN

**Publication number:** WO9011163 (A3)

**Publication date:** 1990-11-15

**Inventor(s):** KIRSCHNER LAWRENCE [US]

**Applicant(s):** CHURCH & DWIGHT CO INC [US]

**Classification:**






**- international:** *B24C1/00; B24C11/00; C01D7/00; B24C1/00; B24C11/00; C01D7/00; (IPC1-7): B24C1/00*

**- European:** B24C1/00B; B24C11/00; C01D7/00

**Application number:** WO1990US04203 19900314

**Priority number(s):** US19890323412 19890314

**Also published as:**

 WO9011163 (A2)  
 ZA9001878 (A)  
 PT93417 (B)  
 NZ232857 (A)  
 JP4504824 (T)

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## Abstract of **WO 9011163 (A2)**

Blasting media for removing coatings from sensitive metal and composite surfaces, and a process useful therewith, wherein the blasting media comprise mixtures of water-soluble bicarbonate particles, e.g., sodium bicarbonate particles, with a hydrophobic silica flow/anti-caking agent

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